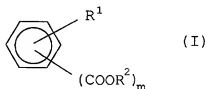


ABSTRACT OF THE DISCLOSUREUSE OF SULPHONIC AND PHOSPHONIC ACIDS AS DOPANTS FOR
POLYANILINE CONDUCTOR FILMS AND FOR POLYANILINE-BASED
CONDUCTOR COMPOSITE MATERIALS

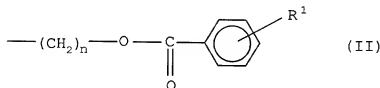
The present invention concerns the use of sulphonic and phosphonic acids, functionalised with plastisizers, as dopants for polyaniline conductor films and polyaniline-based conductive composite materials.

5 These acids meet the following formula:



in which:

- 10 - R¹ represents -SO₃H or PO₃H₂
 - R² is a linear or branched alkyl group and
 m equals 1 or 2, or
 - R² is a group having the formula:



15 in which R¹ is such as defined above and n is a
 whole number ranging from 1 to 16, and m equals 1.